

ACCESSION NUMBER: 2002:785496 CAPLUS Full-text
 DOCUMENT NUMBER: 138:170044
 TITLE: Amino acid derivatives and oximes of flavones
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 SOURCE: Chemistry of Heterocyclic Compounds (New York, NY, United States) (Translation of Khimiya Geterotsiklicheskikh Soedinenii) (2002), 38(3), 274-280
 CODEN: CHCCAL; ISSN: 0009-3122
 PUBLISHER: Kluwer Academic/Consultants Bureau
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 138:170044

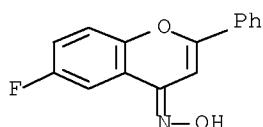
AB 4-Ethoxyflavylium tetrafluoroborates with substituents in rings A and B were synthesized. Their reaction with nitrogen-containing nucleophiles was investigated. It was shown that derivs. of flavones at the carbonyl group are formed as a result of these reactions. The major distinctive physicochem. characteristics of the oximes of flavones and isoxazoles were determined. For example, the reaction of flavylium perchlorate with hydroxylamine hydrochloride gave 2-(3-phenyl-5-isoxazolyl)phenol.

IT 59835-92-6P, 6-Fluoro-2-(phenyl)-4H-1-Benzopyran-4-one oxime
 304691-31-4P, 6-Fluoro-2-(4-methoxyphenyl)-4H-1-Benzopyran-4-one
 oxime 321976-78-7P, 2-(4-Hydroxyphenyl)-4H-1-Benzopyran-4-one
 oxime

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of 2-phenyl-4H-1-benzopyran-4-one oximes and
 N-(2-phenyl-4H-1-benzopyran-4-ylidene) amino acid derivs. from
 4-ethoxy-2-phenylbenzopyrylium tetrafluoroborates)

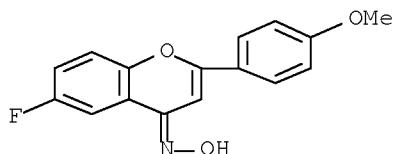
RN 59835-92-6 CAPLUS

CN 4H-1-Benzopyran-4-one, 6-fluoro-2-phenyl-, oxime (CA INDEX NAME)



RN 304691-31-4 CAPLUS

CN 4H-1-Benzopyran-4-one, 6-fluoro-2-(4-methoxyphenyl)-, oxime (CA INDEX NAME)



RN 321976-78-7 CAPLUS

CN 4H-1-Benzopyran-4-one, 2-(4-hydroxyphenyl)-, oxime (CA INDEX NAME)

